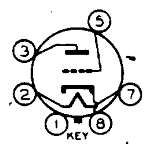
6P5-GT/G

6P5-GT/G

DETECTOR AMPLIFIER TRIODE

Heater ■	Coated Unipotential Cathode	
Voltage	6.3	a-c or d-c volts
Current	0.3	amp.
Direct Interelectrode Capacitances:°		
Grid to Plate	2.6	μμf
Grid to Cathode	3.4	μμf
Plate to Cathode	5.5	μμf
Maximum Overall Length		3-5/16"
Maximum Seated Height		2-3/4"
Maximum Diameter		1-5/16"
Bulb		T-9
Base		Intermediate Shell Octal 6-Pin
Pin 1 - No Connection		Pin 5 - Grid
Pin 2 - Heater		Pin 7 - Heater
Pin 3 - Plate		Pin 8 - Cathode
Mounting Position		Any



BOTTOM VIEW (G-6Q)

Maximum Ratings Are Design-Center Values

AMPLIFIER

Plate Voltage	250 max.	volts
Plate Dissipation	1.25 max.	watts

Typical Operation and Characteristics - Class A_1 Amplifier:

Plate	100	250	volts
Grid #	-5	-13.5	volts
Amp. Fact.	13.8	13.8	
Plate Res.	12000	9500	ohms
Transcond.	1150	1450	μmhos
Plate Cur.	2.5	5	ma.

■ In circuits where the cathode is not directly connected to the heater, the potential difference between heater and cathode should be kept as low as possible.
° With shield connected to cathode. Values are approximate.
Under maximum rated conditions, the d-c resistance in the grid circuit should not exceed 1.0 megohm.

Curves for the Type 6P5-GT/G are the same as for the 56 and the 76.

RCA RADIOTRON DIVISION
RCA MANUFACTURING COMPANY, INC.